Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011719\
Data File : VF061446.D
Acq On : 17 Jan 2019 15:55
Operator : VA/AP
Sample : K1157-14RE
Misc : 5.08g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Quant Time: Jan 18 03:19:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	163198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	274089	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	198833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	51575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	119656	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.78%			
35) Dibromofluoromethane	4.09	113	139658	64.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 129.14%			
50) Toluene-d8	7.54	98	309555	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.48%			
62) 4-Bromofluorobenzene	11.39	95	97942	35.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.76%			
Target Compounds						Qvalue
13) Acrolein	2.02	56	536	17.332	ug/l #	9
14) Allyl chloride	2.07	41	559	Below Cal #		59
15) Acrylonitrile	2.92	53	271	1.240	ug/l #	37
16) Acetone	2.23	43	4362	10.791	ug/l #	87
18) Methyl Acetate	2.34	43	3208	4.002	ug/l #	77
20) Methylene Chloride	2.23	84	6443	3.045	ug/l	89
23) Vinyl Acetate	3.19	43	750	3.520	ug/l #	78
25) 2-Butanone	4.33	43	1139	1.694	ug/l #	57
29) Tetrahydrofuran	4.05	42	395	1.365	ug/l #	67
49) 1,4-Dioxane	7.03	88	70	Below Cal #		13
51) 4-Methyl-2-Pentanone	8.25	43	1367	1.166	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.88	75	235	1.007	ug/l #	67

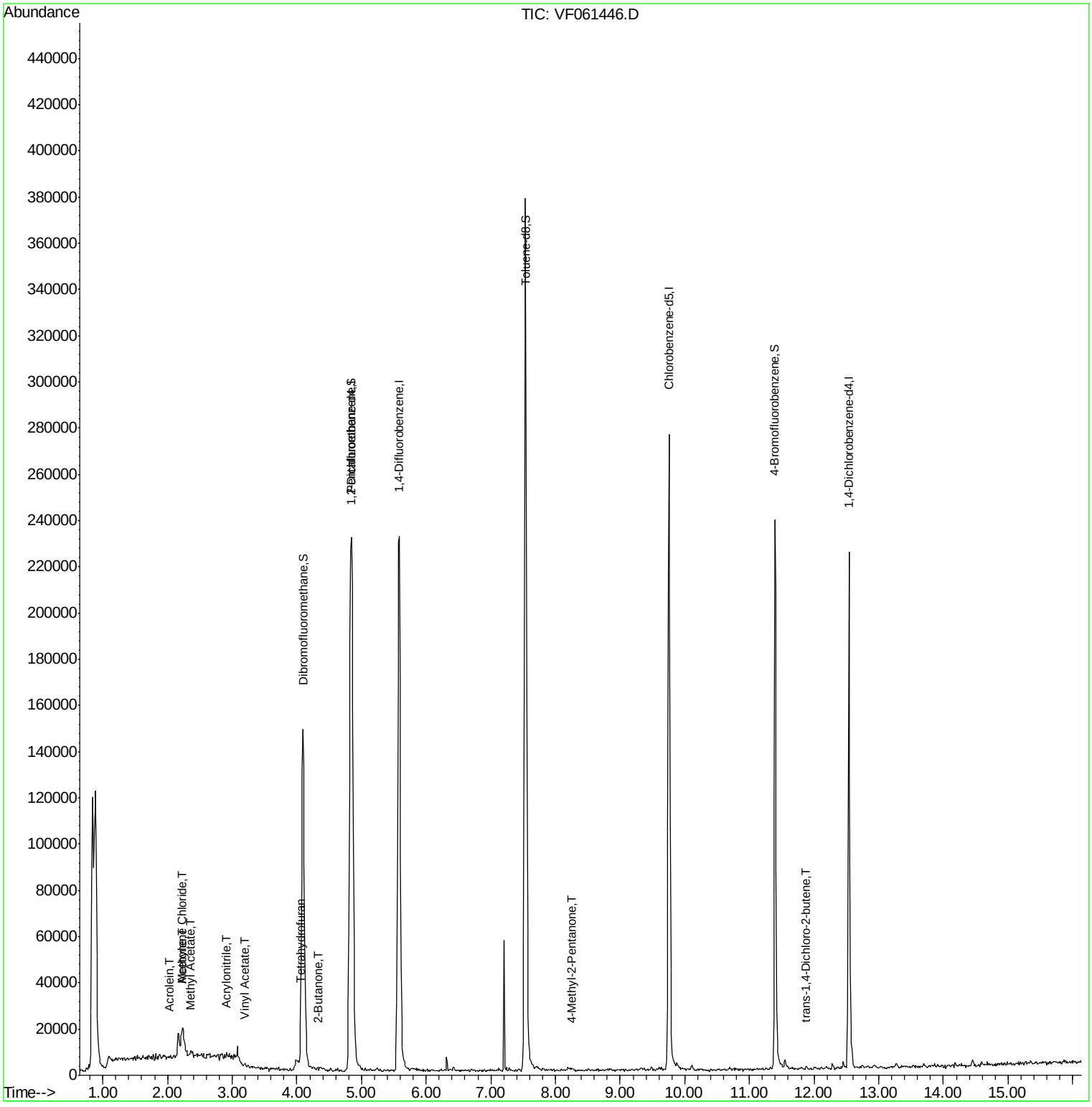
(#) = qualifier out of range (m) = manual integration (+) = signals summed

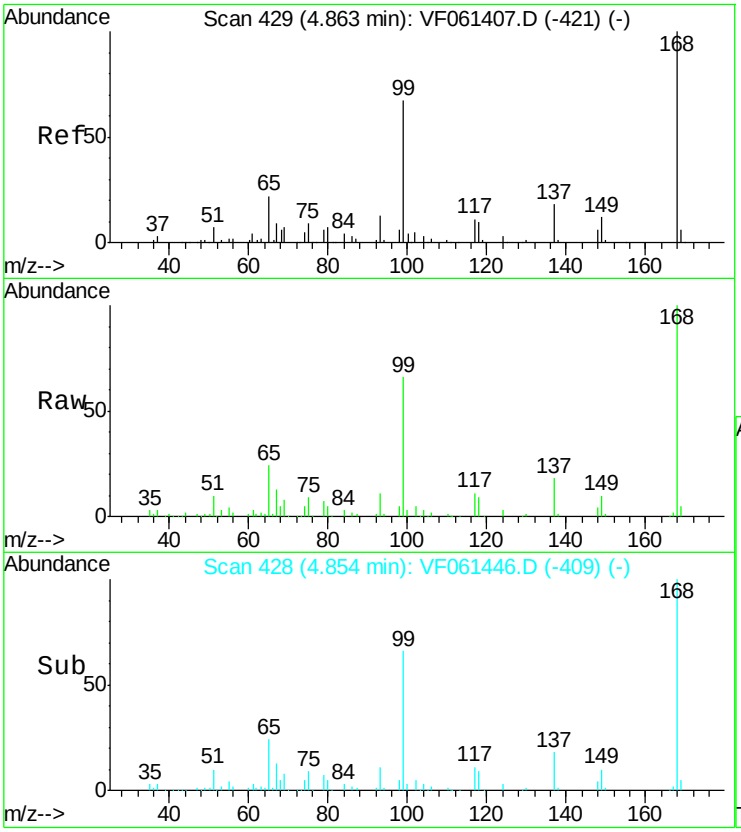
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061446.D
Acq On : 17 Jan 2019 15:55
Operator : VA/AP
Sample : K1157-14RE
Misc : 5.08g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

Quant Time: Jan 18 03:19:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



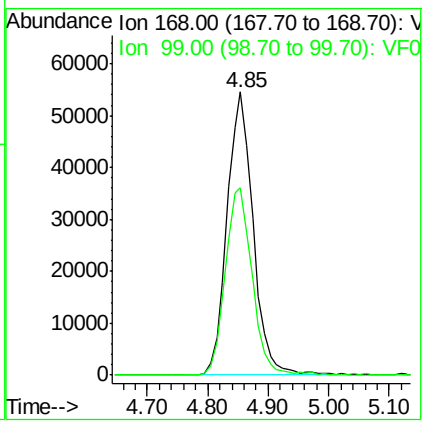


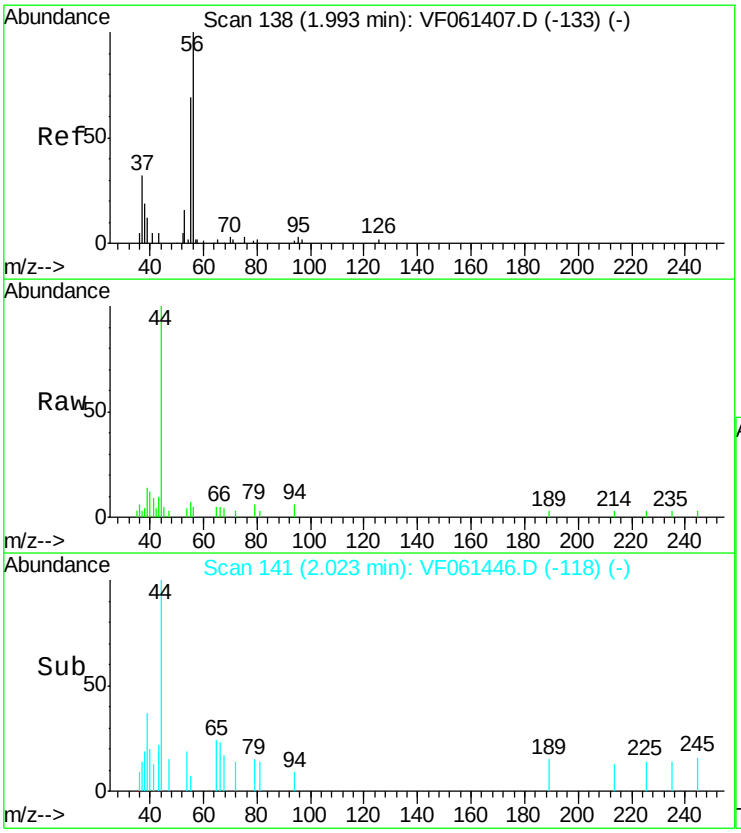
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

Tgt Ion:168 Resp: 163198

Ion	Ratio	Lower	Upper
168	100		
99	66.4	53.5	80.3

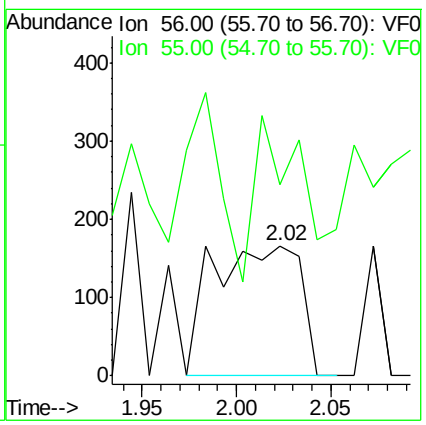


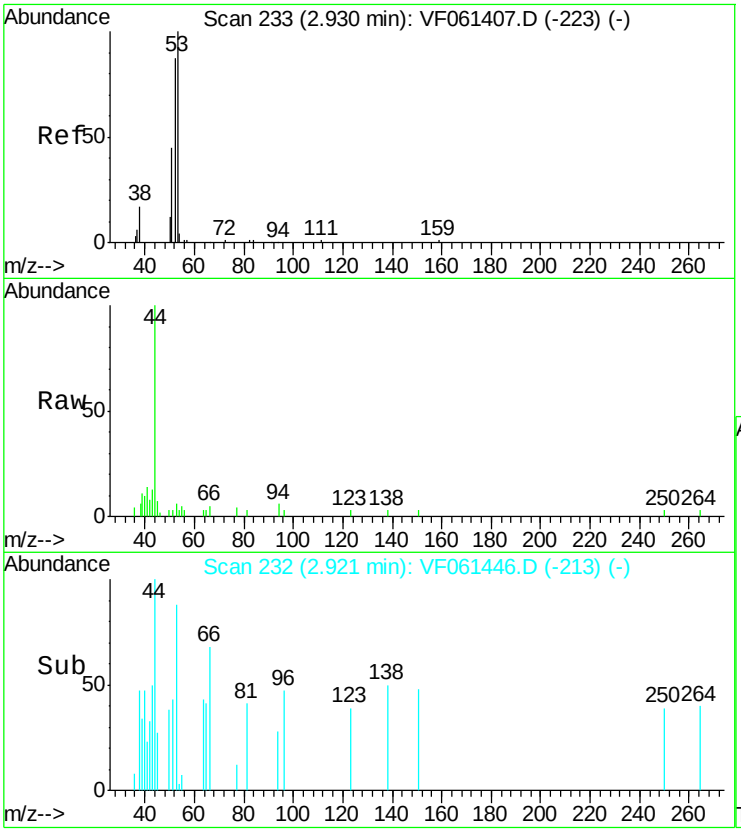


#13
Acrolein
Concen: 17.332 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.03 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 56 Resp: 536

Ion	Ratio	Lower	Upper
56	100		
55	147.6	57.5	86.3#



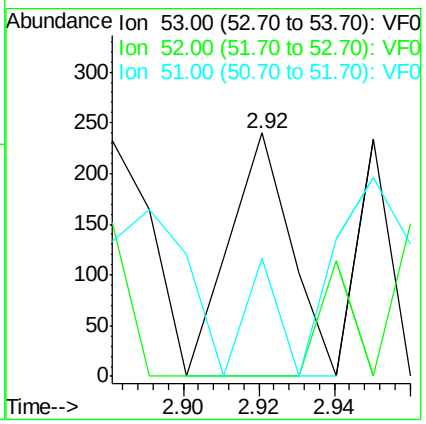


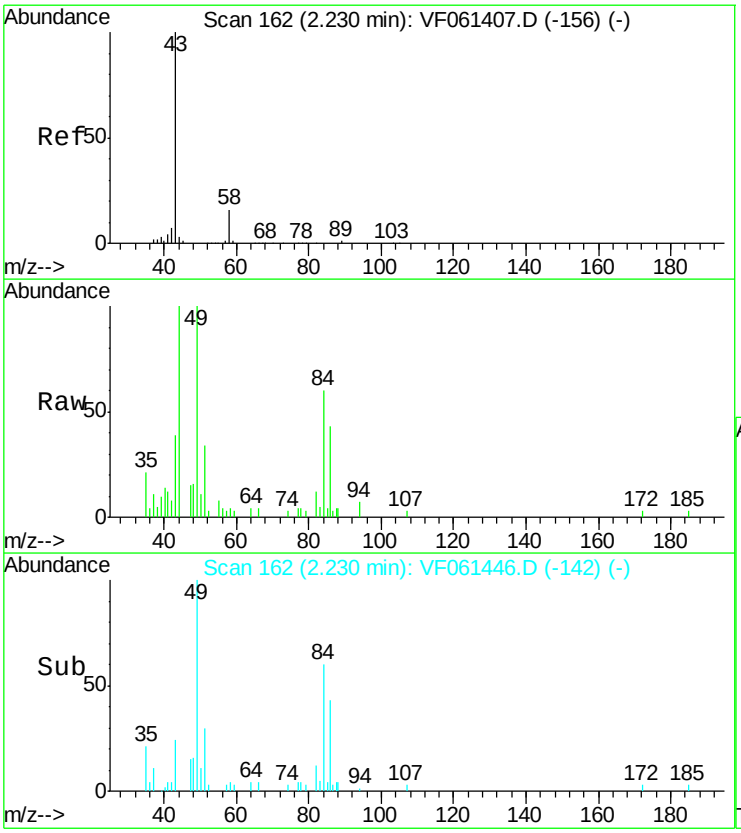
#15
Acrylonitrile
Concen: 1.240 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion: 53 Resp: 271

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	48.8	36.8	55.2

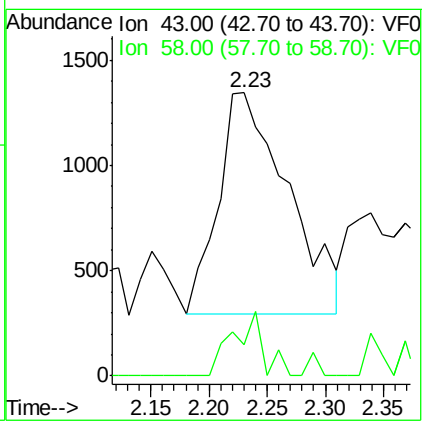


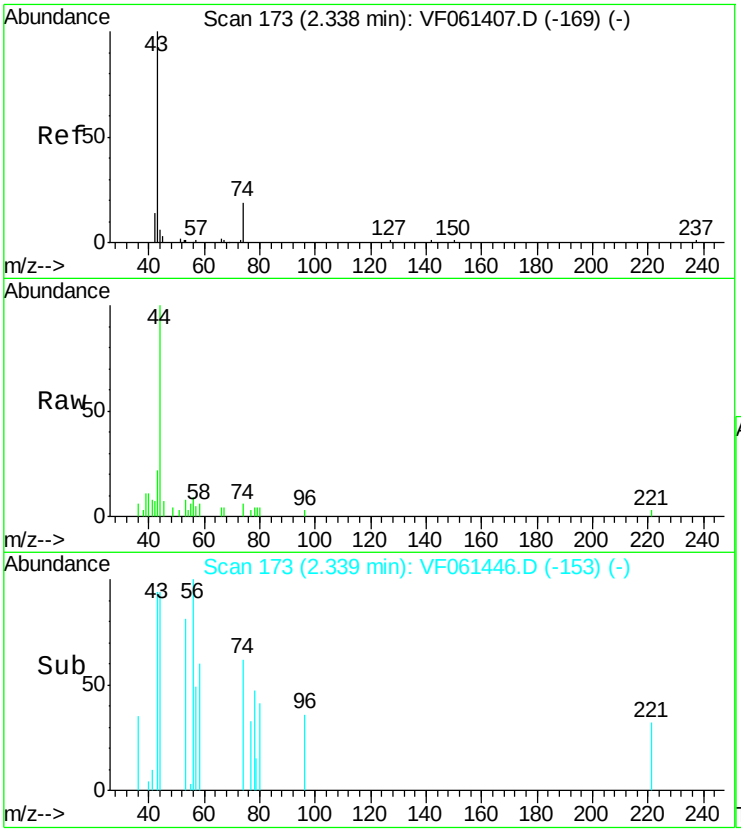


#16
Acetone
Concen: 10.791 ug/l
RT: 2.23 min Scan# 162
Delta R.T. 0.00 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 43 Resp: 4362

Ion	Ratio	Lower	Upper
43	100		
58	10.9	13.3	19.9#



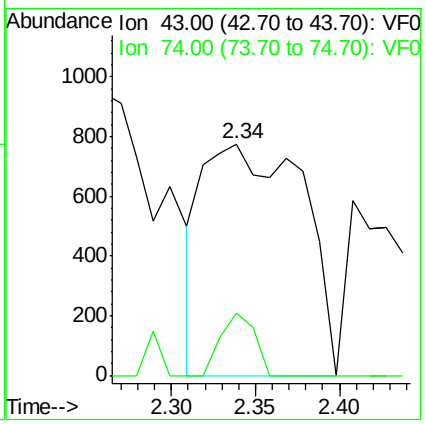


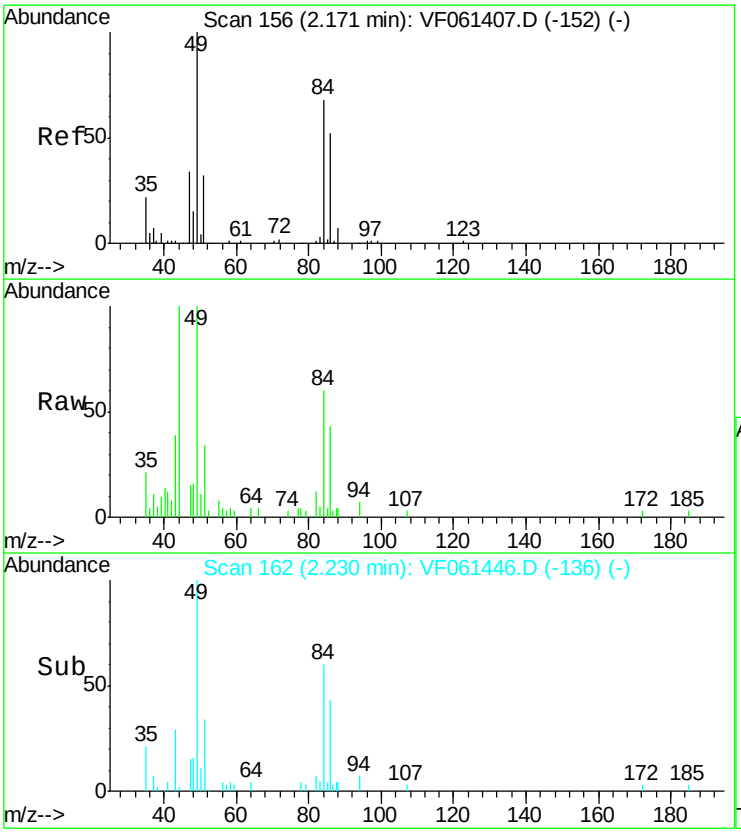
#18
Methyl Acetate
Concen: 4.002 ug/l
RT: 2.34 min Scan# 173
Delta R.T. 0.00 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion: 43 Resp: 3208

Ion	Ratio	Lower	Upper
43	100		
74	26.8	13.4	20.0#

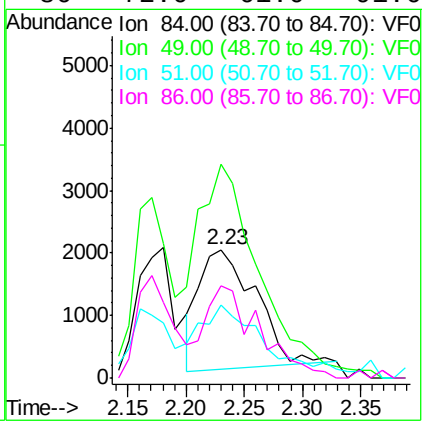


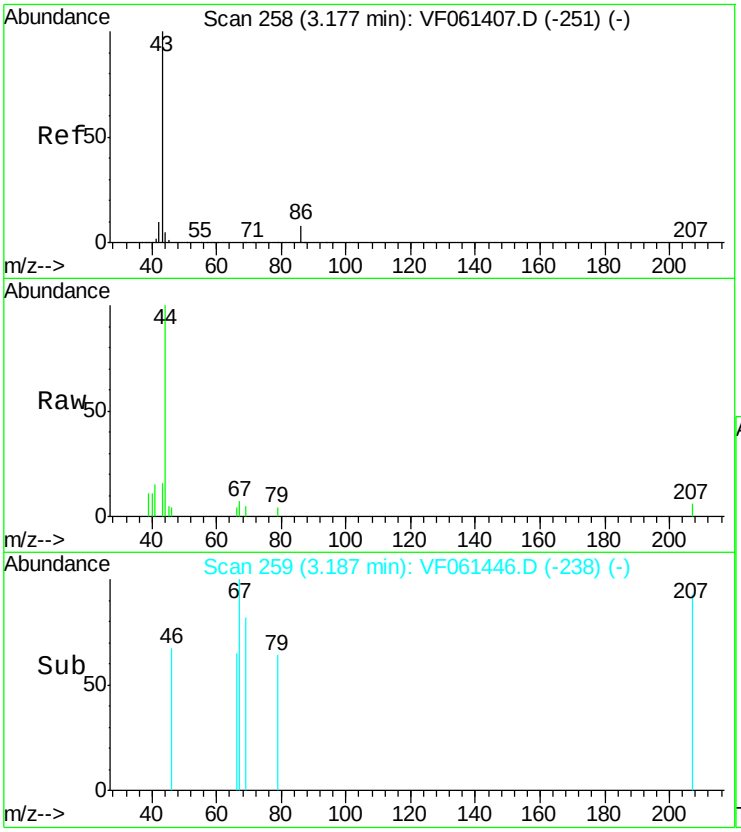


#20
Methylene Chloride
Concen: 3.045 ug/l
RT: 2.23 min Scan# 162
Delta R.T. 0.06 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 84 Resp: 6443

Ion	Ratio	Lower	Upper
84	100		
49	166.6	120.0	180.0
51	56.9	38.6	58.0
86	72.0	61.0	91.6



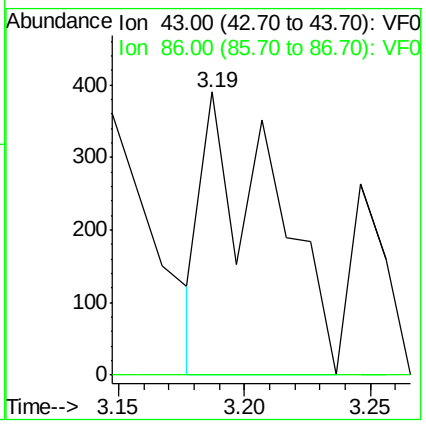


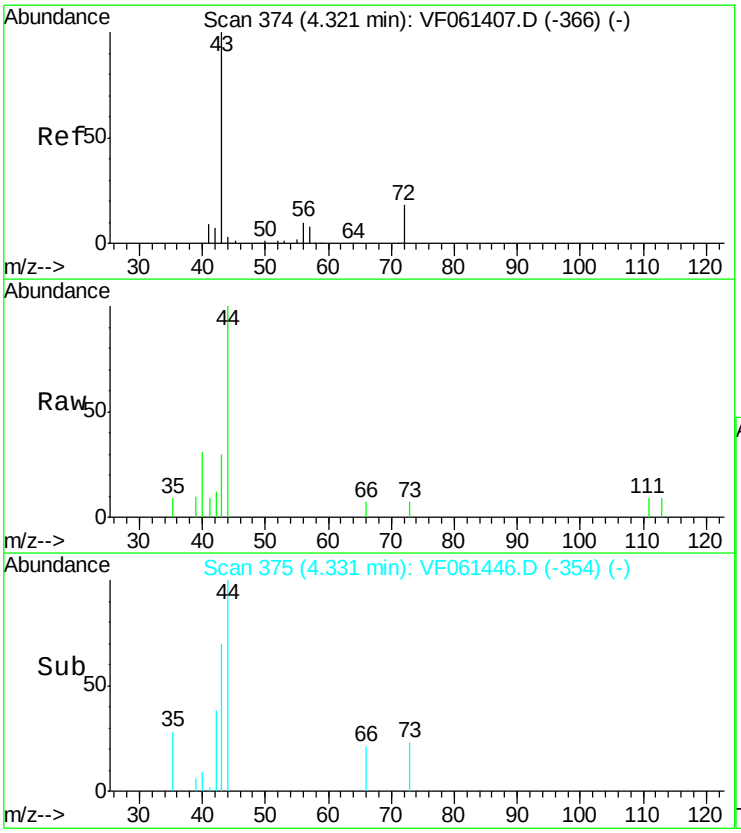
#23
Vinyl Acetate
Concen: 3.520 ug/l
RT: 3.19 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion: 43 Resp: 750

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

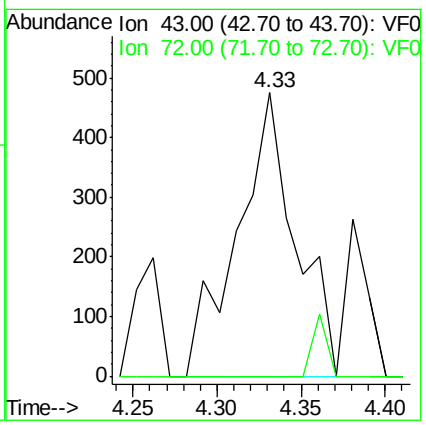


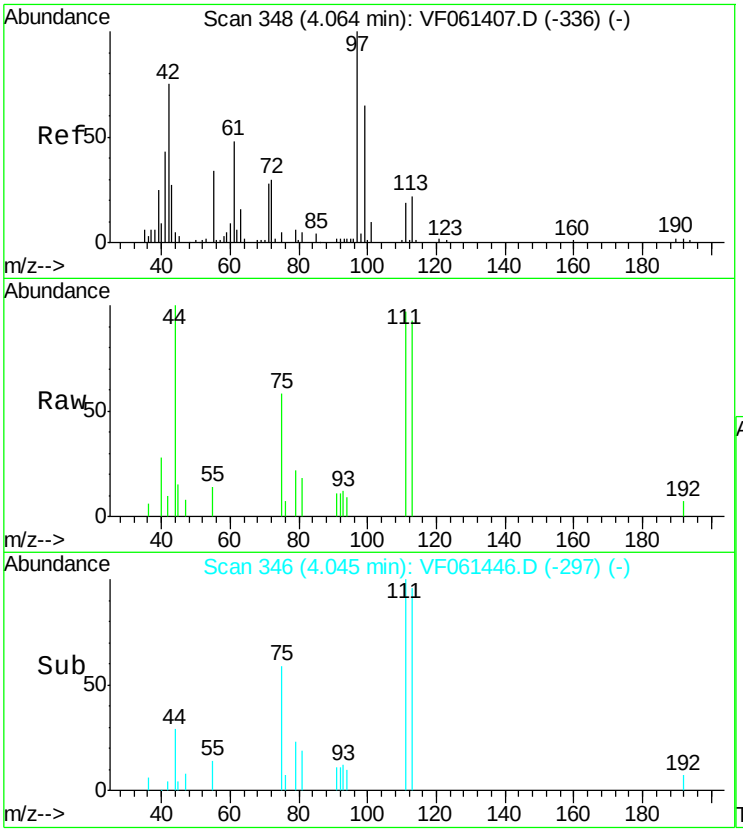


#25
2-Butanone
Concen: 1.694 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 43 Resp: 1139

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



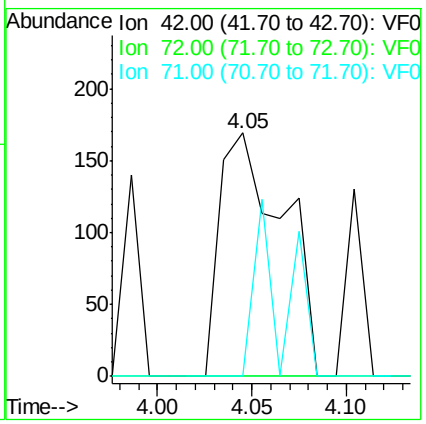


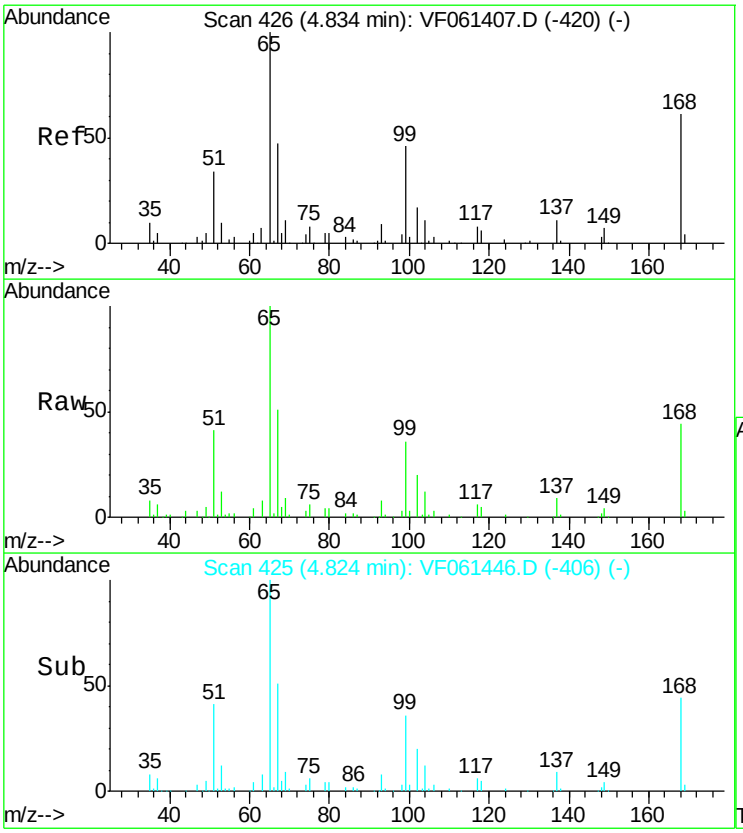
#29
Tetrahydrofuran
Concen: 1.365 ug/l
RT: 4.05 min Scan# 346
Delta R.T. -0.02 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion: 42 Resp: 395

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.9	43.3#
71	33.7	29.6	44.4

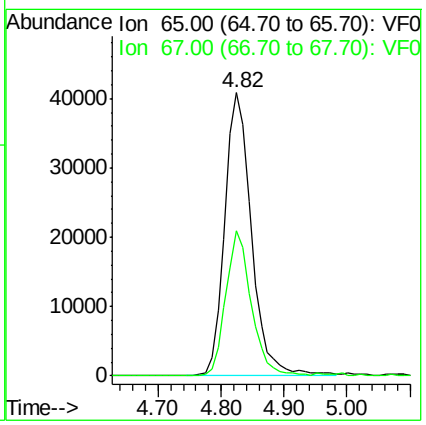


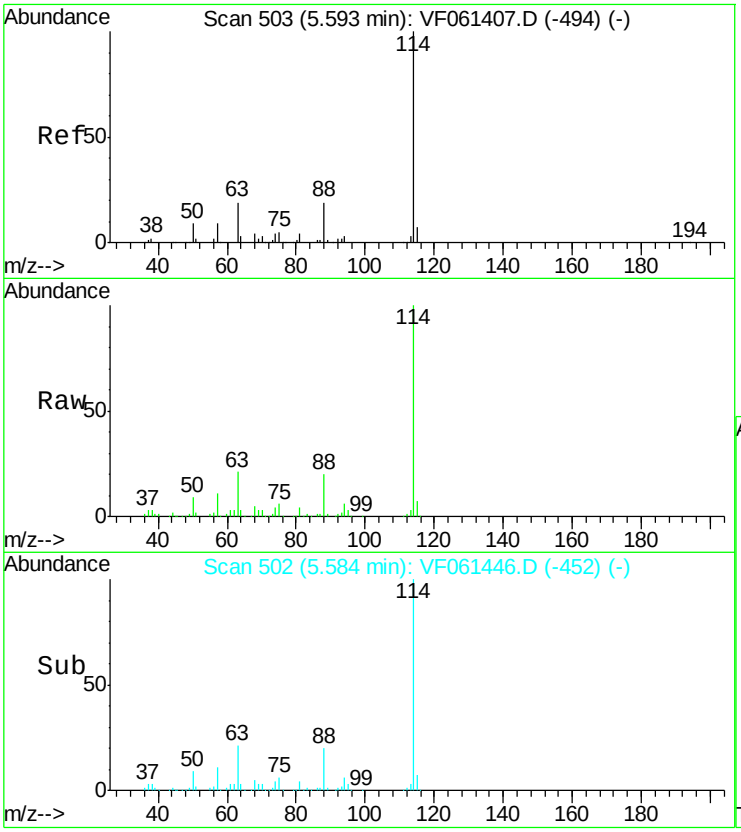


#33
1,2-Dichloroethane-d4
Concen: 59.386 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 65 Resp: 119656

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.8



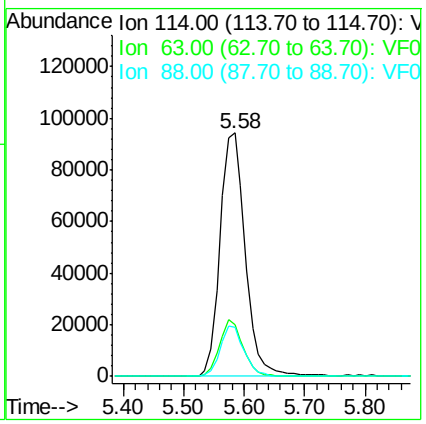


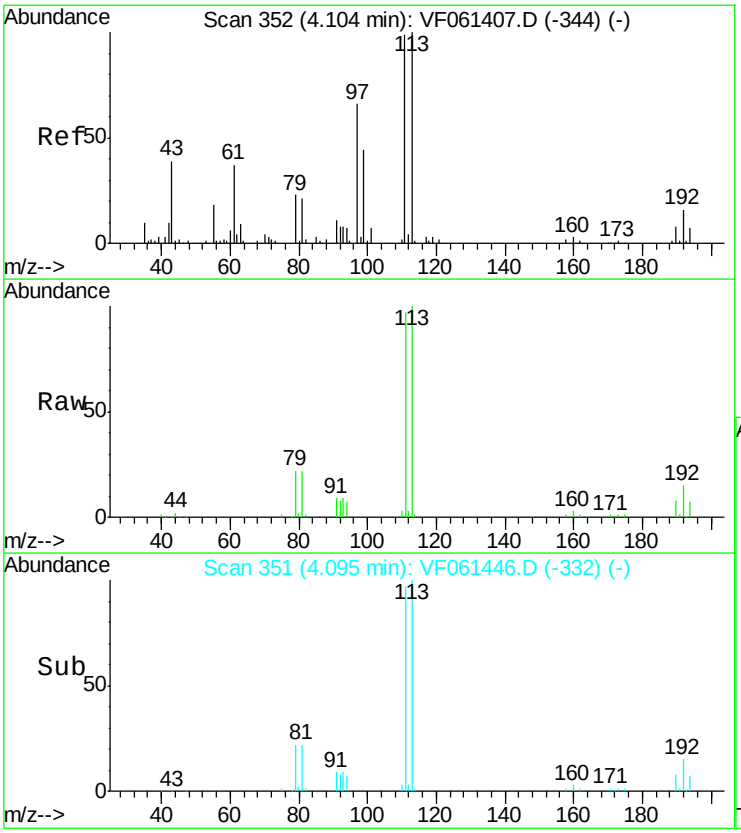
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

Tgt Ion:114 Resp: 274089

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	20.0	0.0	37.4

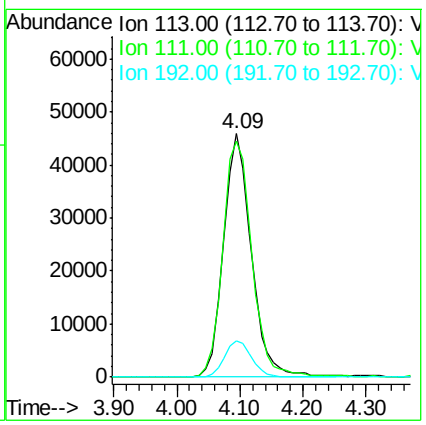


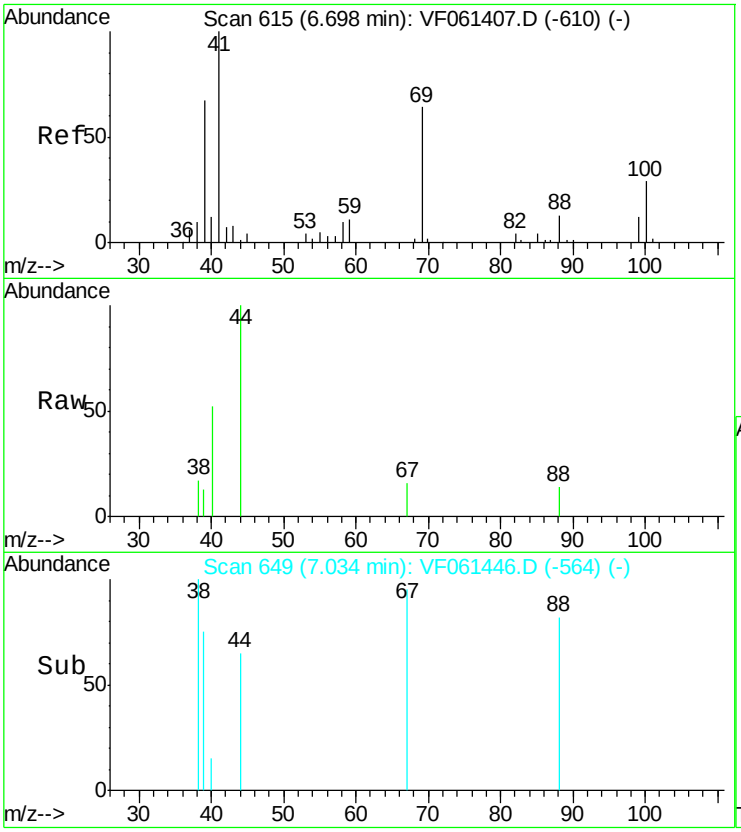


#35
Dibromofluoromethane
Concen: 64.573 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion:113 Resp: 139658

Ion	Ratio	Lower	Upper
113	100		
111	97.0	79.4	119.0
192	15.2	12.4	18.6



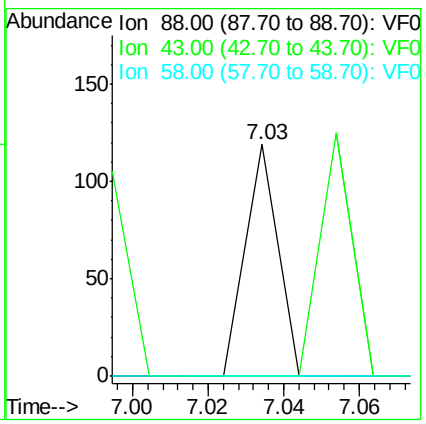


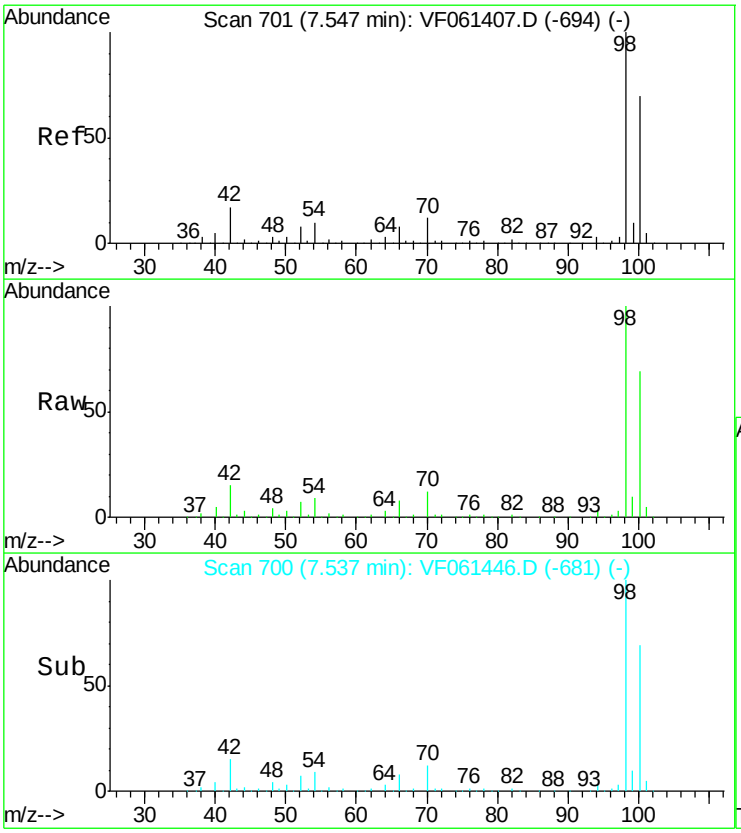
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.03 min Scan# 649
Delta R.T. 0.34 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.5	83.3#
58	0.0	59.9	89.9#

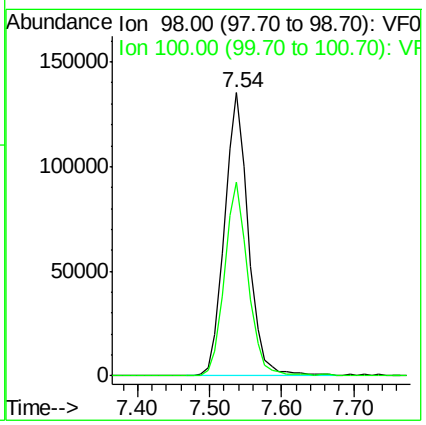


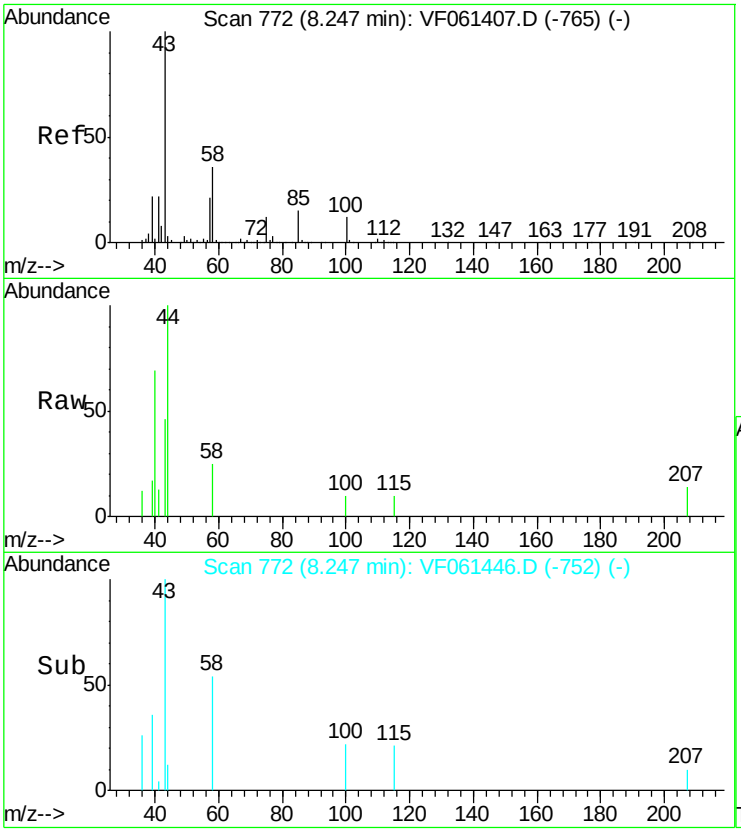


#50
Toluene-d8
Concen: 52.240 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 98 Resp: 309555

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.6	83.4



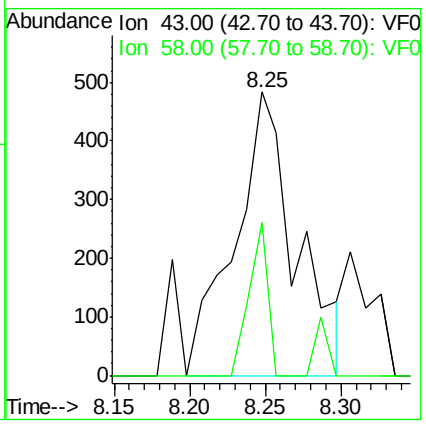


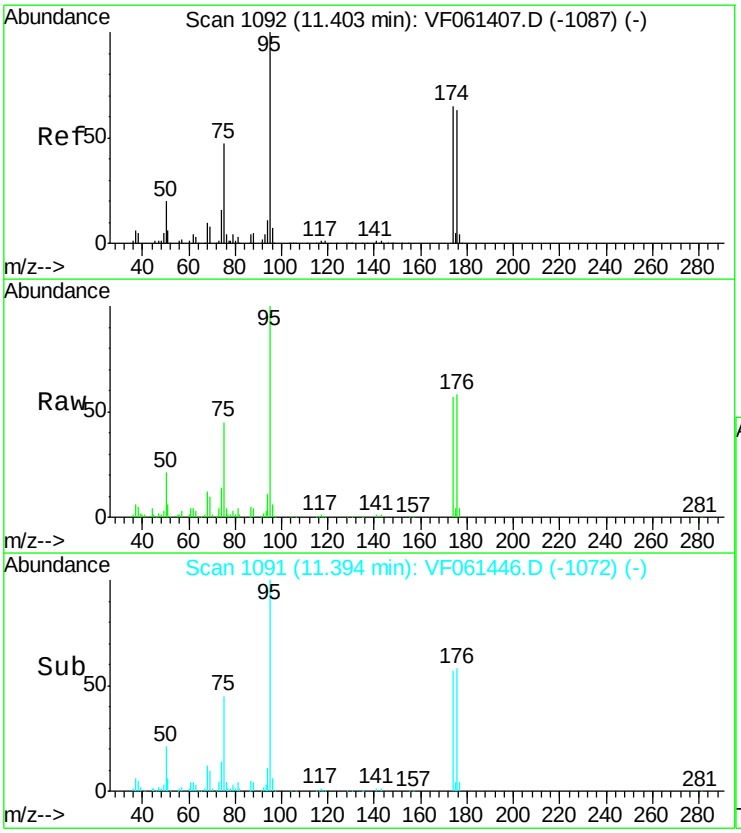
#51
4-Methyl-2-Pentanone
Concen: 1.166 ug/l
RT: 8.25 min Scan# 772
Delta R.T. 0.00 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion: 43 Resp: 1367

Ion	Ratio	Lower	Upper
43	100		
58	54.0	28.8	43.2#

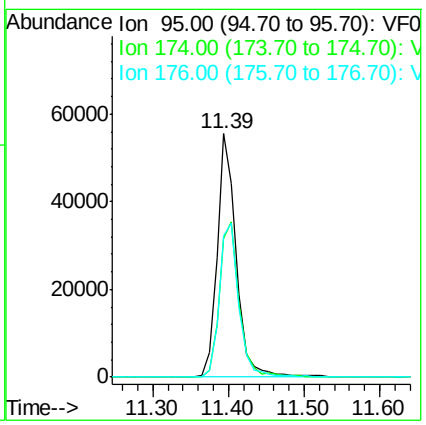


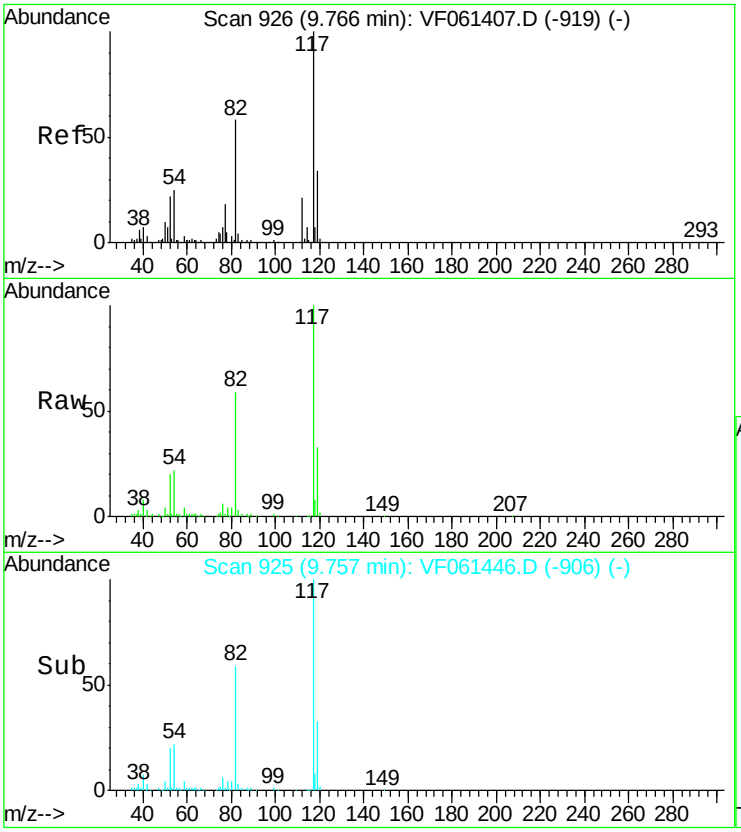


#62
4-Bromofluorobenzene
Concen: 35.375 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion: 95 Resp: 97942

Ion	Ratio	Lower	Upper
95	100		
174	57.0	0.0	130.4
176	58.0	0.0	126.2



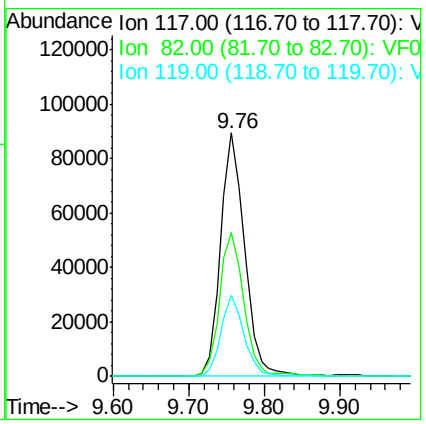


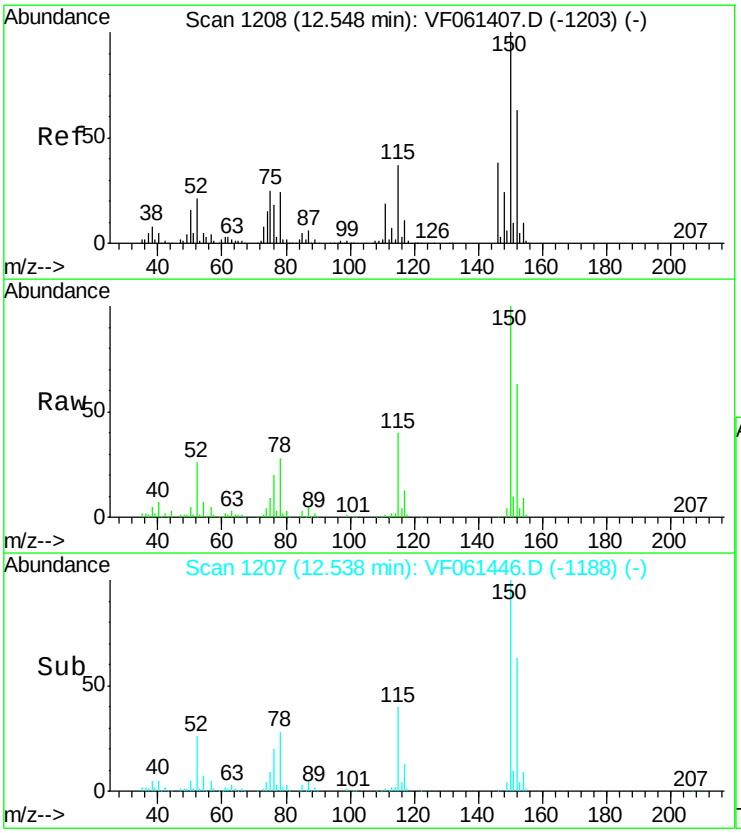
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument : MSVOA_F
ClientSampleId : WC-07-011519RE

Tgt Ion:117 Resp: 198833

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.4	69.6
119	33.4	27.2	40.8

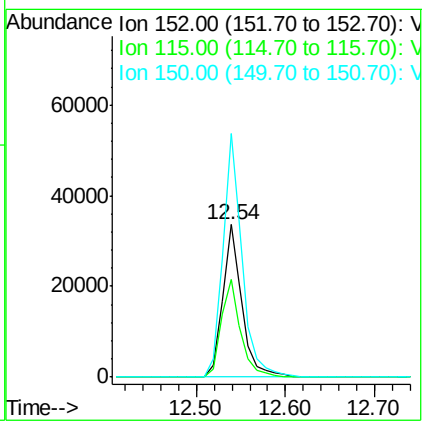


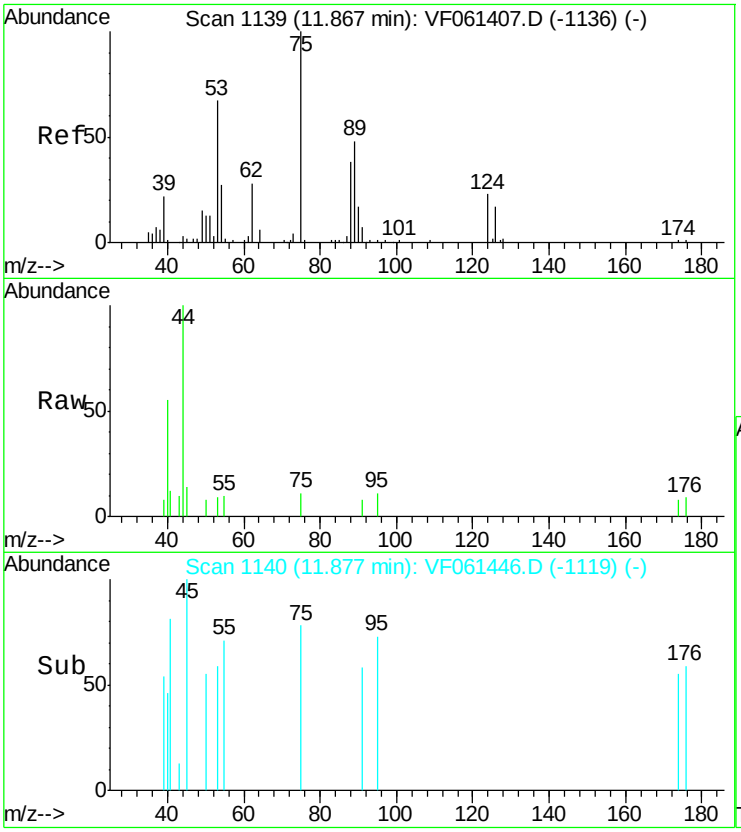


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion:152 Resp: 51575

Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.0	90.0
150	159.7	0.0	321.4





#81
trans-1,4-Dichloro-2-butene
Concen: 1.007 ug/l
RT: 11.88 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

Tgt Ion: 75 Resp: 235

Ion	Ratio	Lower	Upper
75	100		
53	75.9	57.8	86.6
89	0.0	40.7	61.1#